Adaptation Improvement Program

The Adaptation Improvement Program strives to modernize the way the FAA collects, stores, standardizes, distributes, and manages aeronautical and adaptation data. At this time, the primary focus is on the National Airspace System (NAS) Adaptation Services Environment (NASE).

The goals of NASE are to:
• Improve NASE services for existing customers
• Provide NASE services to additional NAS programs
• Promote and distribute aeronautical data based upon FAA's Aeronautical Data Standards
• Distribute aeronautical data based upon desired interchange models.

NASE services include:
• Secure Data Repository Services
• Customized Data Extraction and Transformation Services
• Data Distribution Services
• Transaction Logging Services
• Automated Data Notification Services
• Collaboration Services
• Platform Services
• Training Services.

The day-to-day operations of NASE are currently managed by the SERC.   Activities include ensuring smooth operations; monitoring the overall health of the system; overseeing system administration tasks; and overseeing the design, development, test, and deployment of NASE releases. Demonstrations and training of NASE capabilities are also offered.

The SERC's mission does not include managing long-term operational systems. Additional efforts are underway to transition the NASE operations into the Air Traffic Organization.